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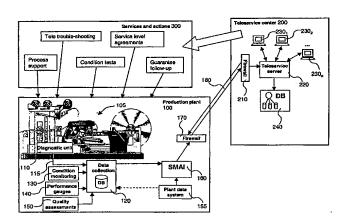
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(54) Title: METHOD AND SYSTEM IN THE MAINTENANCE OF MACHINES, PROCESSES, AUTOMATION SYSTEMS AND EQUIPMENT RELATING TO PAPERMAKING



(57) Abstract: The invention concerns a method and system in the maintenance of machines, processes, automation systems and equipment relating to papermaking. The machine relating to papermaking is located at a production plant (100), which is equipped with a plant data system (155), and wherein a teleservice connection (189) based on a data communication link is arranged between the production plant (100) and a teleservice center (200). The condition, state and/or performance of the machine units and/or processes and/or automation systems of the production line at the production plant are monitored by monitoring system's, such as condition monitoring systems (130) and/or performance measuring systems (140) and/or quality assessment systems (150) and diagnostic units (110), in order to recognise emergency situations. In the method according to the invention an automatic service process is started in an emergency situation based on the signals given by the monitoring systems. The system according to the invention comprises means for bringing about the automatic service process.

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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G05B19/418 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 GO5B Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Category ° Citation of document, with Indication, where appropriate, of the relevant passages Χ US 2002/052715 A1 (MAKI KARI M) 1,3,10, 2 May 2002 (2002-05-02) 12-20 2,4-9,11Υ the whole document 2,4-9,11EP 0 599 606 A (XEROX CORPORATION) Υ 1 June 1994 (1994-06-01) 1,3,10, Α abstract column 5, line 29 - line 46 column 6, line 48 - column 8, line 29 column 10, line 40 - column 11, line 36 1-4,10,PATENT ABSTRACTS OF JAPAN Α 12 - 15vol. 013, no. 471 (P-949), 25 October 1989 (1989-10-25) & JP 01 184599 A (MITSUBISHI HEAVY IND LTD), 24 July 1989 (1989-07-24) abstract Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention earlier document but published on or after the International "X" document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled "O" document referring to an oral disclosure, use, exhibition or other means in the art. document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of the actual completion of the international search Date of malling of the international search report 26/08/2005 18 August 2005 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016 Salvador, D

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